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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/529,453	
			Filing Date	December 19, 2005	
			First Named Inventor	Mehmet Toner	
			Art Unit	1651	
			Examiner Name	Deborah K. Ware	
Sheet	1	Of	2	Attorney Docket Number	32047-713.831

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US 2002/0166760 A1	11/14/2002	Prentiss, et al.	
	2.	US 2004/0053352	03/18/2004	Ouyang, et al.	
	3.	US 2004/0142463 A1	07/22/2004	Walker, et al.	
	4.	US 2006/0000772 A1	01/05/2006	Sano et al.	
	5.	US 2006/0073125 A1	04/06/2006	Clarke, et al.	
	6.	US 2006/0121452	06/08/2006	Dhallan	
	7.	US 5,300,779	04/05/1994	Hillman, et al.	
	8.	US 5,840,502	11/24/1998	Van Vlasselaer	
	9.	US 5,944,971 A	08/31/1999	Footo	
	10.	US 6,511,967	01/28/2003	Weissleder, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ¹ - Number ² - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
	11.	WO 1991/016452 A1	10/31/1991	Berenson		
	12.	WO 1998/02528 A1	01/22/1998	Valerio et al.		
	13.	WO 1998/10869 A	03/19/1998	Ager, et al.		
	14.	WO 1999/38612 A	08/05/1999	Cheng, et al.		

NON PATENT LITERATURE DOCUMENTS

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	15.	AHN, et al. A fully integrated micromachined magnetic particle separator. Journal of Microelectromechanical Systems. 1996; 5(3): 151-158.	

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	16.	BLANKENSTEIN, et al. Modular Concept of a Laboratory on a Chip for Chemical and Biochemical Analysis. Biosensors and Bioelectronics. 1998;13(3-4):427-438	
	17.	BODE, et al. Mutations in the tyrosine kinase domain of the EGFR gene are rare in synovial sarcoma. Mod Pathol. 2006; 19(4):541-7.	
	18.	CAGGANA. Microfabricated devices for sparse cell isolation. CNF Project #905-00. Cornell NanoScale Facility. 2003; 38-39	
	19.	CAGGANA. Microfabricated devices for sparse cell isolation. CNF Project #905-00. Cornell NanoScale Facility. 2004-2005; 32-33.	
	20.	CHOESMEL, et al. Enrichment methods to detect bone marrow micrometastases in breast carcinoma patients: clinical relevance. Breast Cancer Res. 2004; 6(5):R556-569.	
	21.	MOHAMED, et al. A Micromachined Sparse Cell Isolation Device: Application in Prenatal Diagnostics. Nanotech 2006; 2: 641-644. (Abstract only).	
	22.	MOHAMED, et al. Biochip for separating fetal cells from maternal circulation. J Chromatogr A. 2007; 1162(2):187-92.	
	23.	NAGRATH, et al. Isolation of rare circulating tumour cells in cancer patients by microchip technology. Nature. 2007; 450: 1235-1241 (with Supplemental pages 1-10).	
	24.	OWEN, et al. High gradient magnetic separation of erythrocytes. Biophys. J. 1978; 22:171-178.	
	25.	PRIETO, et al. Isolation of fetal nucleated red blood cells from maternal blood in normal and aneuploid pregnancies. Clin Chem Lab Med. 2002; 40(7):667-72.	
	26.	UITTO, et al. Probing the fetal genome: progress in non-invasive prenatal diagnosis. Trends Mol Med. 2003; 9(8):339-43.	

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